

C O N F I D E N T I A L

2 December 1955

SUBCOMMITTEE ON EXPLOITATION OF FOREIGN LANGUAGE PUBLICATIONS

Current FDD Program on the USSR, European Satellites and Communist China -- Scientific and Technical

The following survey relates the program to DCID 4/5 "Priority National Intelligence Objectives" (approved 18 October 1955) and includes numbers of manpower assigned within FDD.

A. USSR	<u>Related to DCID 4/5</u>	<u>FDD Manpower Assigned</u>
1. Abstracting	Para IIc	4.5
<p>Under a joint abstracting agreement 55 scientific and technical periodicals are abstracted on a cover-to-cover basis, the responsibility being allocated as follows: FDD - 19 titles; AID-13 titles; ATIC - 23 titles. The abstracts are published on 5x8 cards.</p>		
2. Periodic Reporting		2
<p>a. Foreign Documents Division reports monthly (<u>Science News Items</u>) from press and periodicals on scientific and technical intelligence information pertinent to guide requirements initiated by IAC agencies. Subjects covered are: physical sciences, earth sciences, natural sciences, medical sciences, electronics, engineering, notes on scientific publications, and organizations and personalities.</p>		

C O N F I D E N T I A L

C O N F I D E N T I A L

- b. Foreign Documents Division reports monthly (Supplementary Survey of Soviet Scientific Abstracts) from scientific and technical periodicals on references to information which appeared in published sources not known to be available outside the Soviet orbit. Subjects covered are: astronomy, biology, biochemistry, chemistry, geology and geography, mathematics, mechanics, and physics. 1.5
- c. Foreign Documents Division reports monthly (Survey of Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) from selected scientific and technical periodicals on references to candidate and doctorate degrees in science and engineering defended at USSR higher educational institutions. 1.5
3. Trend Reports - Foreign Documents Division reports from scientific and technical periodicals on intelligence information relating to subjects specified by IAC agencies. As sufficient information becomes available on a given subject, the information is collated and documented in such a manner as to facilitate analysis of research and development trends in the scientific field involved. The results of this operation are published as completed in the FDD 00-W information report series. .5
4. Books and Monographs - Soviet books and monographs on scientific and technical subjects are not covered by FDD. Bibliographic coverage is provided in the Monthly List of Russian Accessions, published by Library of Congress, the monthly, Russian Book List, prepared by the staff of IAD/FP, the monthly Accession List of AF Material, published by Library of Congress, AID (Treasure Island Project), and the monthly,

C O N F I D E N T I A L

C O N F I D E N T I A L

Recent Additions of Foreign Language Publications Received in Acquisitions Branch/CIA Library. The latter also furnishes a brief descriptive abstract of each item listed.

AID also provides annotations of selected items as Treasure Island Bibliographic Reports, in 5x8 card format as Phase I (Title, author, publishing data, purpose of the book, description of text data) and Phase X (same as Phase I, plus translated table of contents) cards.

B. EASTERN EUROPE

Para IIc

1.75

1. Periodic Reporting - Foreign Documents Division reports monthly (Science News Items) from press and periodicals on scientific and technical intelligence information pertinent to guide requirements initiated by IAC agencies. Subjects covered are those listed in Paragraph A.2. a. above.
2. Books and Monographs - East European books and monographs on scientific and technical subjects are not covered by FDD. Bibliographic coverage is provided by the monthly East European Accessions List, published by the Library of Congress, the monthly Accession List of AF Material, published by the Library of Congress, AID (Treasure Island Project), and the monthly, Recent Additions of Foreign Language Publications Received in Acquisitions Branch/CIA Library. The latter also furnishes a brief descriptive abstract of each item.

C O N F I D E N T I A L

C O N F I D E N T I A L

C. COMMUNIST CHINA

Para IIk

.75

1. Periodic Reporting

a. Foreign Documents Division reports quarterly (Review of Chinese Communist Scientific and Technical Periodicals) on scope of content, emphasis, extent of dependence upon Western and Soviet research and other factors pertinent to the development of scientific effort in Communist China.

b. Foreign Documents Division reports monthly (Science News Items) from press and periodicals on technical intelligence information pertinent to guide requirements initiated by IAC agencies. Subjects covered are those listed in paragraph A. 2. a. above.

2. Books and Monographs - Chinese Communist books and monographs on scientific and technical subjects are not covered by FDD. Bibliographic coverage is provided by the Chinese Book List, published irregularly by the staff of IAD/FP.

C O N F I D E N T I A L

C O N F I D E N T I A L

2 December 1955

**SUBCOMMITTEE ON EXPLOITATION OF FOREIGN LANGUAGE PUBLICATIONS**

**Proposed Foreign Documents Division Scientific and Technical Reporting Program**

1. The number of scientific and technical periodical titles received has expanded from 156 to a total of 189 in the period January 1955 to November 1955. Current Soviet announcements on the availability of scientific and technical periodicals for 1956 indicate that the number will be further increased, to approximately 220 titles. This increase represents the addition of new titles as well as renewed distribution of titles once received but recently denied.

In addition the periodicity of a number of current periodicals is to be increased by 50 to 100 percent in 1956.

2. The limitations imposed by personnel ceilings and the frequent loss of manpower to priority projects make it increasingly difficult to provide the broad and timely coverage of sources necessary to support the major portion of the present reporting program, and further limit resources available for specific projects.

3. Accordingly, it is proposed that the FDD scientific and technical reporting program be revised to conform with the following:

a. Source coverage: All FDD sources currently exploited, including all new Soviet Scientific and Technical Periodicals.

b. Subject coverage: Subjects as outlined in Paragraphs 4 a-d below.

c. Relationship to DCID 4/5: Directly to Paragraph II, e and k, with the aim of supporting intelligence production relative to objectives in paragraph I. c and d.

d. Publication:

Four monthly surveys are proposed to cover the following fields:

(1) Atomic energy and related activities;

(2) Guided missiles and related fields;

(3) Chemical, biological and radiological warfare and related fields;

(4) Soviet - Bloc organization for scientific research. Information will be presented in abridged form as a compilation or documented collation.

C O N F I D E N T I A L

Depth and breadth of coverage will depend upon emphasis of requirements and program guidance received from consumers.

4. A proposed outline for each of the reports is presented below. Periodicity and publication style may vary initially in some cases depending upon volume and time of receipt of information, but will be maintained within the limits described insofar as possible.

a. Survey of Information on Atomic Energy and Related Fields

This report would cover information on the Orbit from all sources. It would be published monthly as an FDD Summary, and would contain the following sections: Nuclear Theory, Instruments and Their Use (experimental techniques), Cosmic Ray Experiments, Nuclear Techniques (technology), Nuclear Energy, High-Energy Nuclear Physics Research.

b. Survey of Information on Guided-Missile Research and Related Fields

This report would cover information on the Orbit from all sources. It would be published monthly as an FDD Summary publication, and would contain the following sections: Aerodynamics and Hydrodynamics, Guidance, Control and Detection, Geophysics, Structure and Propulsion, Fuel and Combustion.

c. Survey of Information on A-B-C-Warfare and Related Fields

The report would cover information on the Orbit from all sources. It would be published monthly as an FDD Summary, and would contain the following sections: Atomic Warfare Chemistry of Radioactive Products and Fissionable Elements; Handling of Radioactive and Fissionable Materials; Harmful Effects of Radioactive Substances and Radiation; Prophylaxis and Therapy; Biological Warfare Epidemiology, Infectious Agents and Toxins, Prophylaxis and Therapy; Chemical Warfare Toxic Agents and Their Distribution, Prophylaxis of Poisoning (physical protection, chemoprophylaxis), Therapy.

d. Soviet Orbit Organization for Scientific Research

This report would cover information on the Orbit from all sources. It would be designed to present data on all changes and developments in scientific research organization and personnel facilities with particular emphasis on those areas pertinent to atomic energy, guided missiles and A-B-C-Warfare. The report would be published monthly as an FDD Summary, and would contain the following sections: Soviet Academies of Science, other Soviet Scientific Institutions, Satellite Scientific Institutions, New Personnel Identifications and Assignments, Travel by Scientists, Awards and Prizes, Birthdays, Obituaries, Nominations and Elections.

C O N F I D E N T I A L